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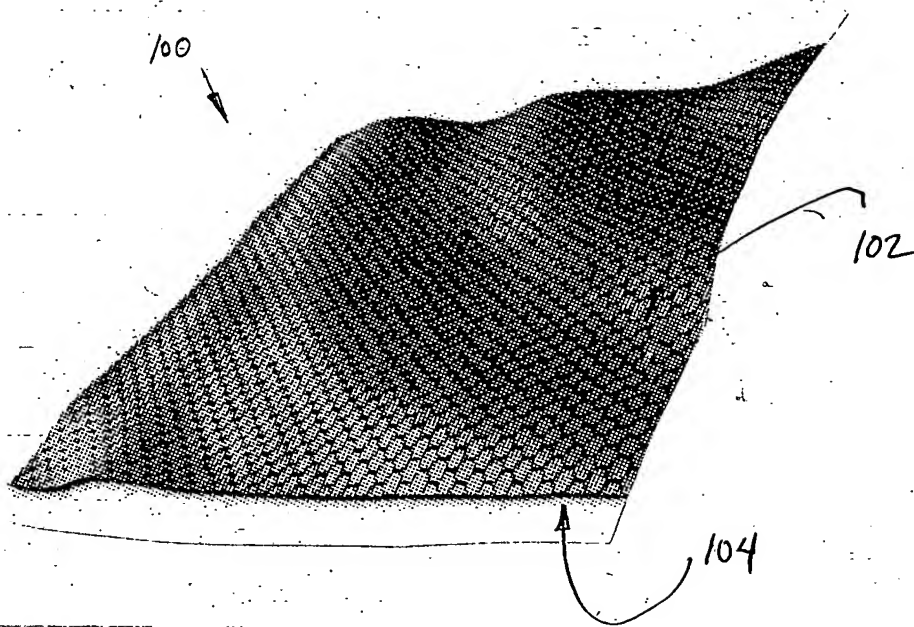


FIG. 1

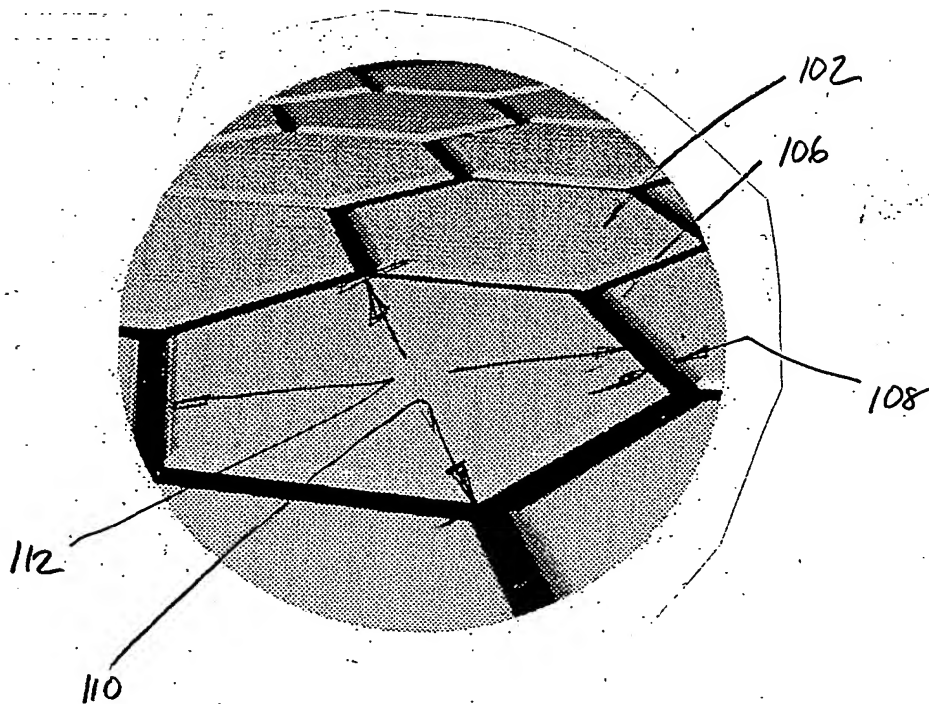


FIG. 2

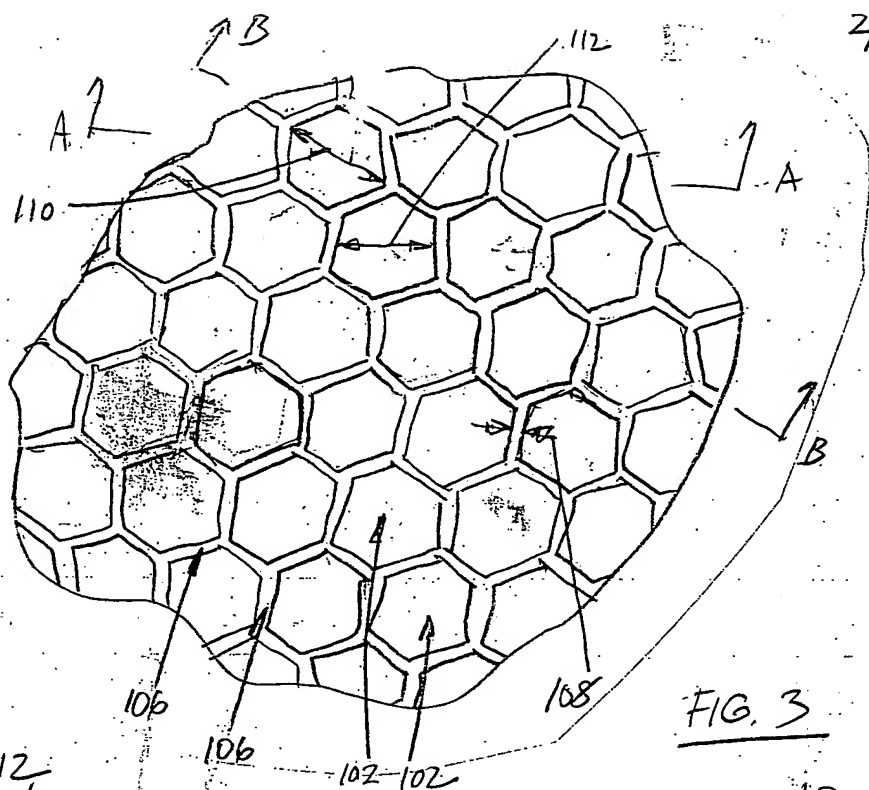


FIG. 3

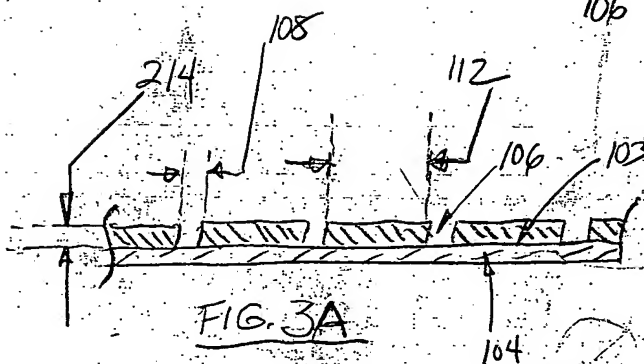


FIG. 3A

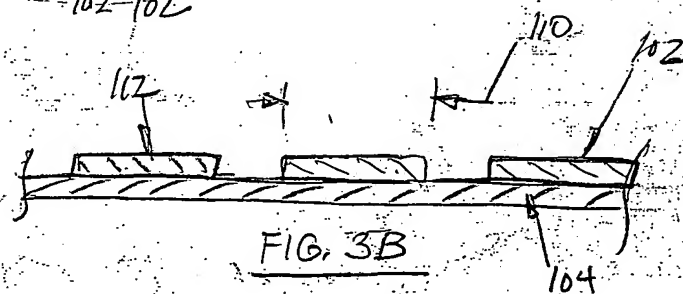


FIG. 3B

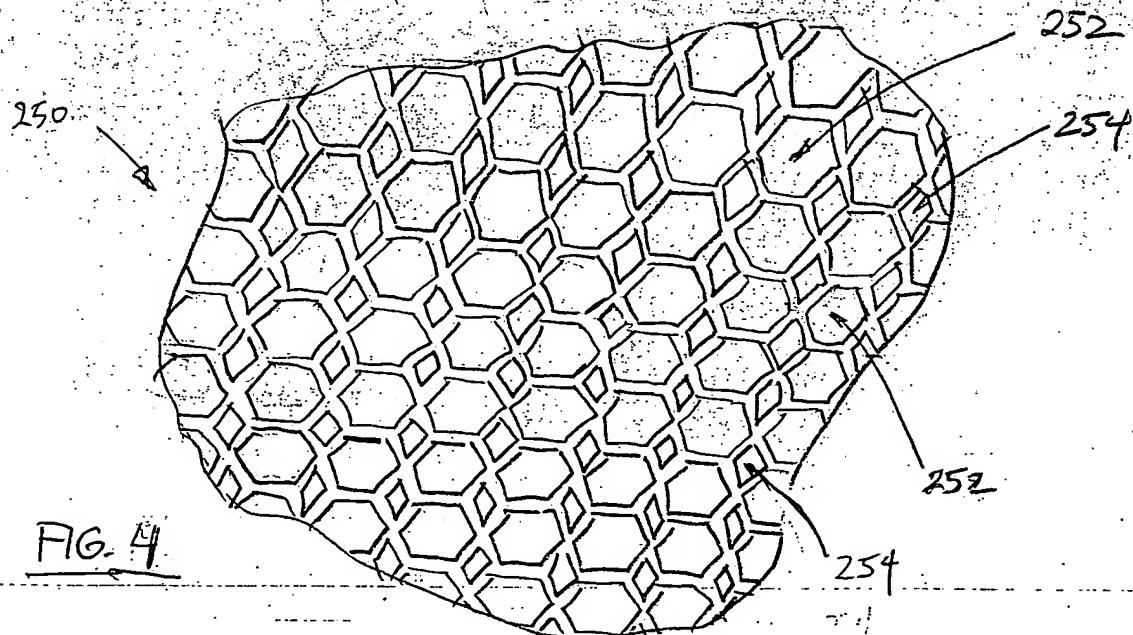


FIG. 4

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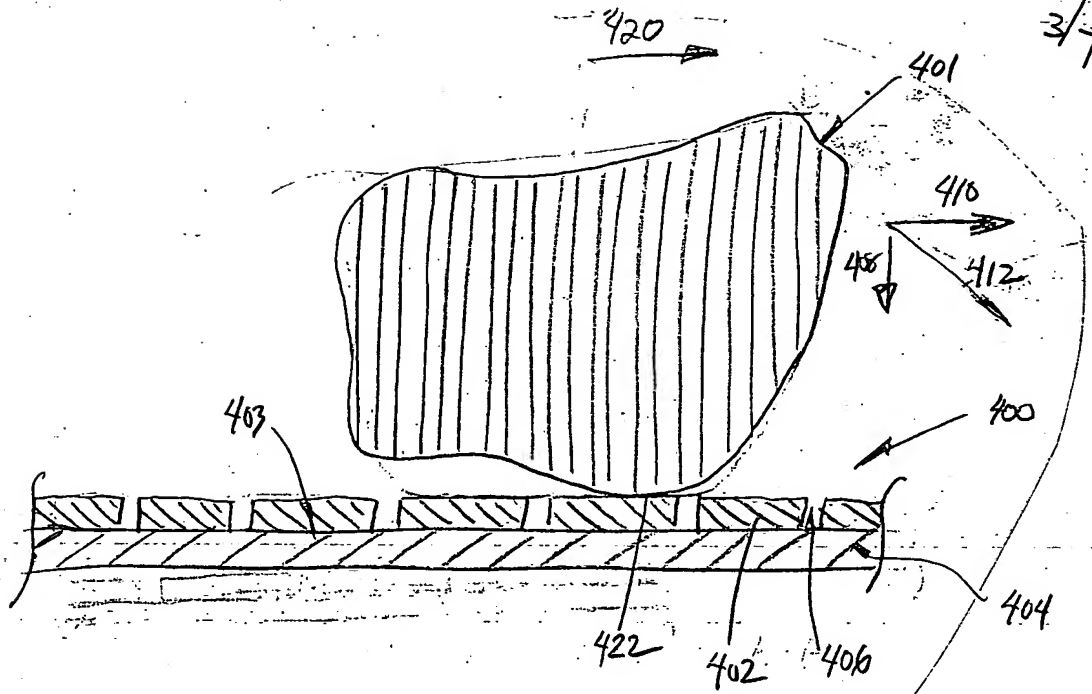


FIG. 5

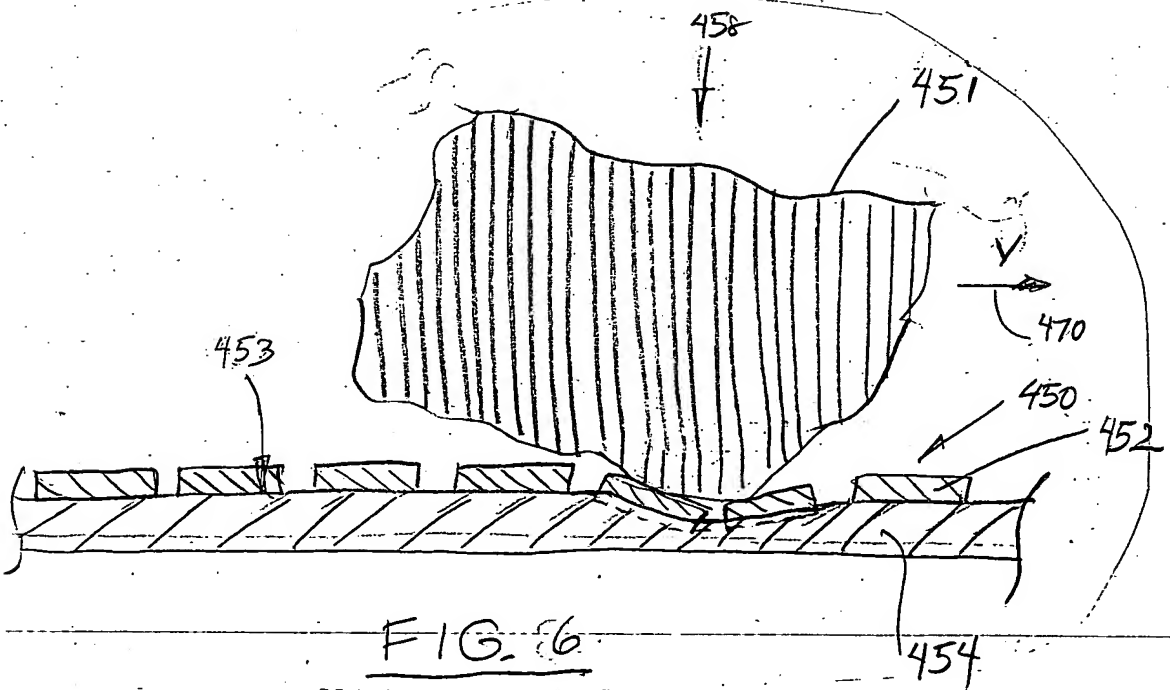


FIG. 6

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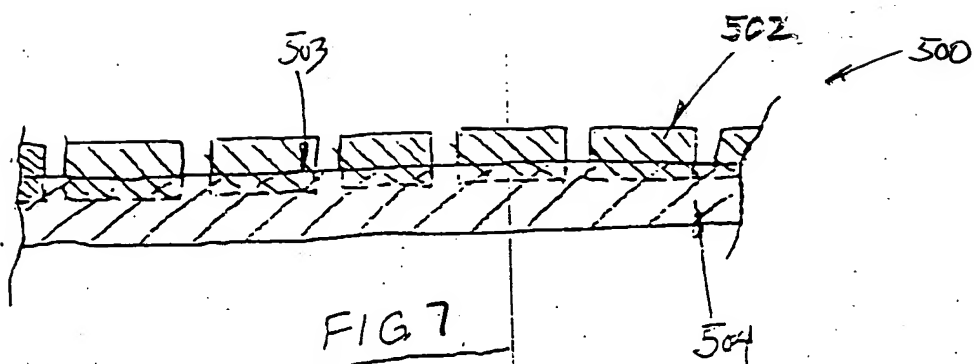


FIG. 7

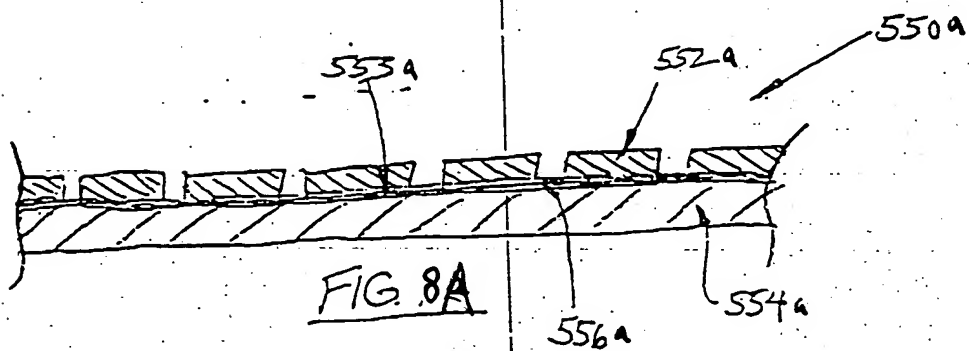


FIG. 8A

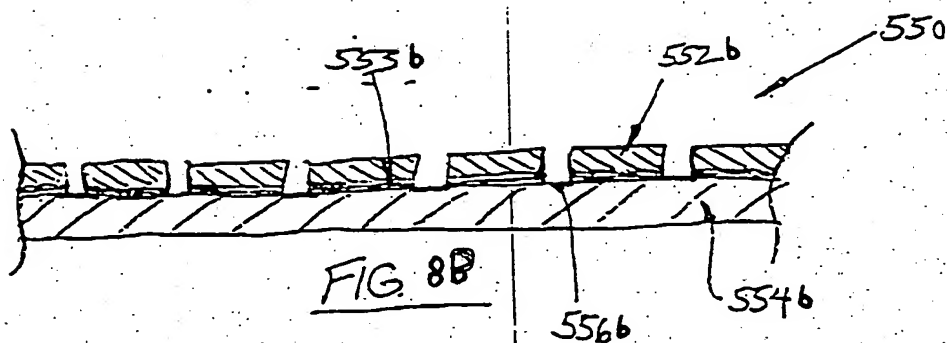


FIG. 8B

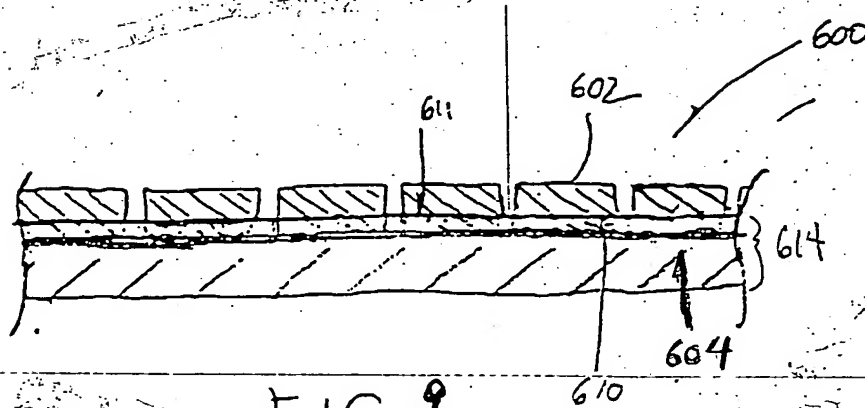


FIG. 9

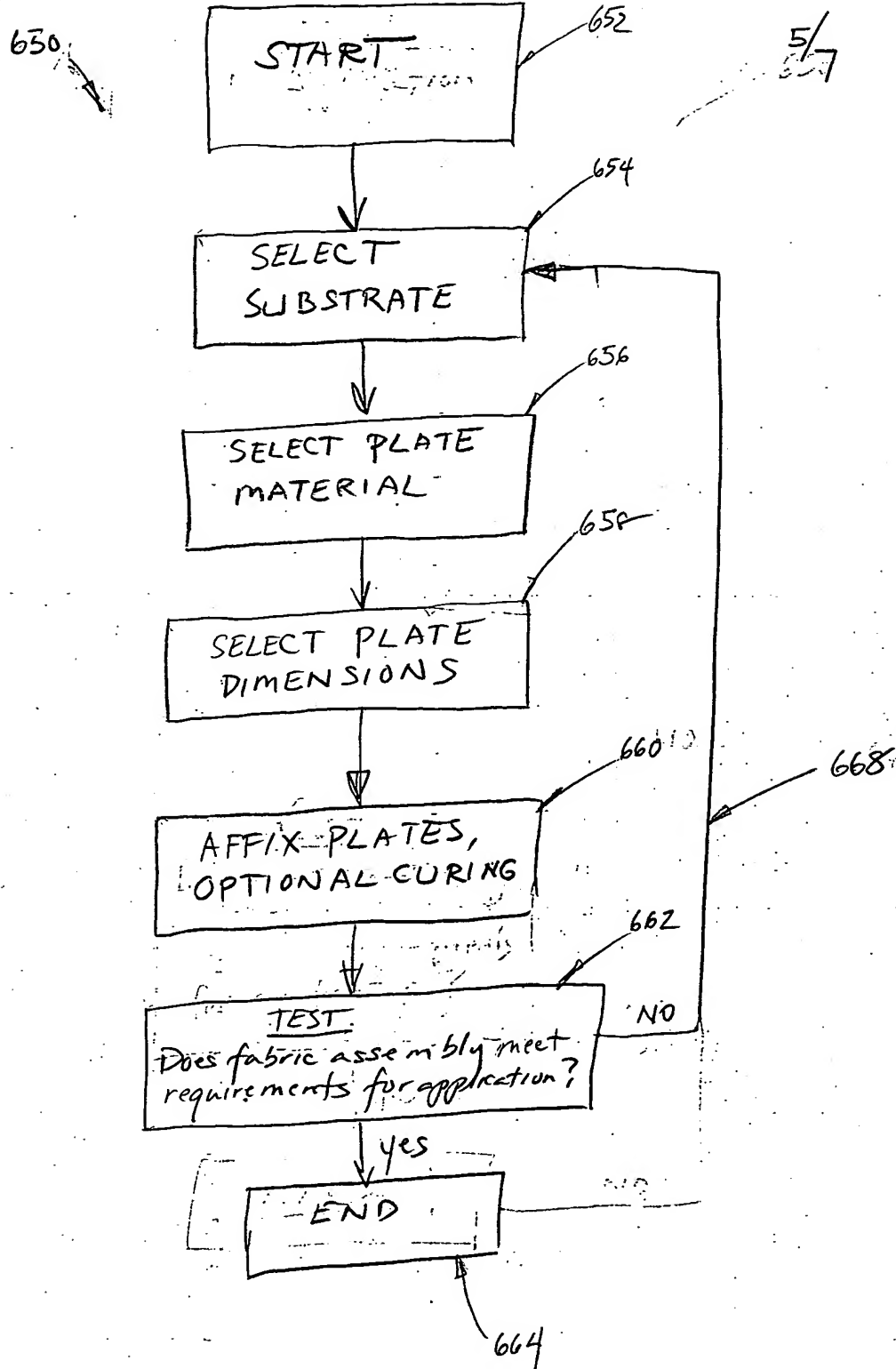


FIG. 12

700

702

START

704

SELECT FABRIC  
SUBSTRATE

706

MEASURE  
ABRASION  
RESISTANCE OF  
SUBSTRATE, A1

708

SELECT PLATE  
MATERIAL

710

SELECT PLATE  
DIMENSIONS

712

AFFIX PLATES,  
OPTIONAL CURING

714

MEASURE ABRASION  
RESISTANCE OF THE  
FABRIC ASSEMBLY, A2

716

CALCULATE ENHANCE-  
MENT FACTOR, F

720

RECORD

718

FIG. 13

FIG. 12

$$F = \frac{A_2}{A_1}$$

FIG. 12

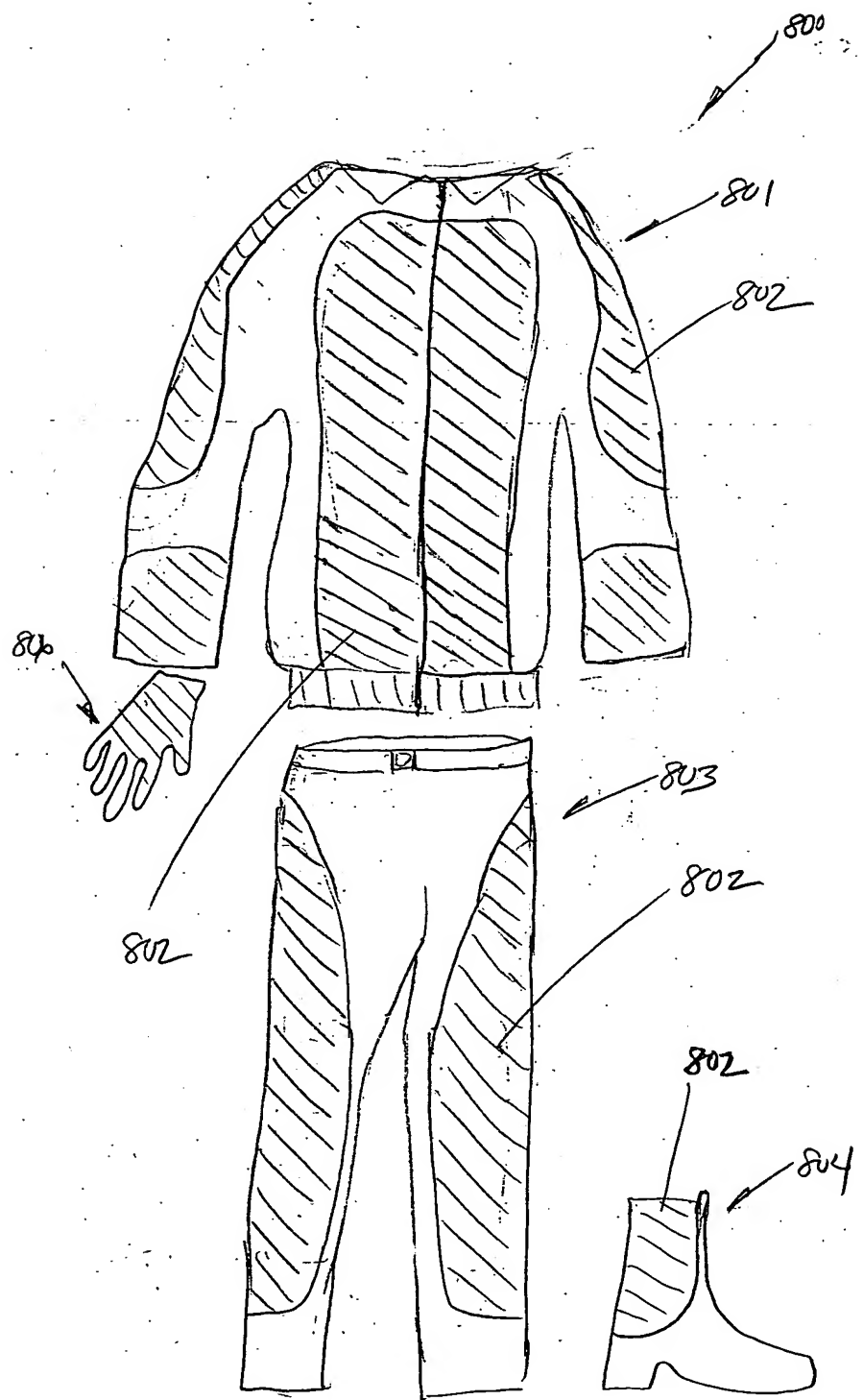


FIG. 14